

circuits, isolated from the public network, and by which the establishment of the transmission state within these types of circuits include one of:

- a) external initiation including a via ringing, constant current, on-hook/off-hook, or any typical telephone signaling;
- b) internal initiation, such as setting a manual receive mode," setting a specialized mode, for example, "PC mode," or by pressing a start button on the facsimile machine;
- c) or any combination thereof.

29. The direct transfer of non-manipulated, and non modified signals, through a passive connection containing data, representative of scanned images from a standard facsimile machine, isolated from a telephone, to an appropriate receiving port of a computer.

30. The direct transfer of non manipulated, and non modified signals, through a passive connection containing analog data, or RS 232 and parallel signal subsets thereof, said signals being representative of scanned images from a standard facsimile machine and isolated from a telephone, to an appropriate receiving port of a computer.

31. The direct transfer of non manipulated, and non modified signals, through a passive connection containing data, said signals being representative of scanned images from a standard facsimile machine, isolated from a telephone, to an appropriate receiving port of office products equipped to accept such signals,

32. The method of claim 27 including transferring a parallel data source signal of a scanned image from a fax machine to a computer.

33. The method of claim 27 including transferring a serial data source signal of a scanned image from a facsimile machine to a computer.

34. The method of claim 27 including transferring an analog scanned image source signal from a facsimile machine to a computer.

5-5 D2) 35. The direct transfer of non manipulated, and non modified signals, containing data, representative of a document to be printed from a computer, and connected to an appropriate receiving port of a standard facsimile machine and isolated from a telephone.

36. A method of making a facsimile machine operable as a scanner or printer for a personal computer, each of the facsimile machine and personal computer for communicating using a telephone comprising the steps of:

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3-2-2 configuring the facsimile machine to communicate with the personal computer using the facsimile machine, and isolated from the telephone;

arranging the facsimile machine to be in a simulated off-hook condition; and

shifting the personal computer to an off-hook condition for sending or receiving a signal in a facsimile format using an RJ-11 port of the personal computer.

37. The method of claim 36 including using RJ11 Connector P.C. to interface between the facsimile machine and the personal computer.

5-6 K1) 38. The method of claim 36 including using RS232 ports to interface between the facsimile machine and the personal computer.

39. The method of claim 36 using parallel port connectors to interface between the facsimile machine and the personal computer.

Sub 65 40. The method of claim 36, using any combination of connectors to interface between a fax machine and a personal computer.